



INDUSTRIAL MICROBES

Carbon-negative chemicals and materials for the circular economy

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Industrial Microbes

Today our surroundings are made using carbon-intensive processes



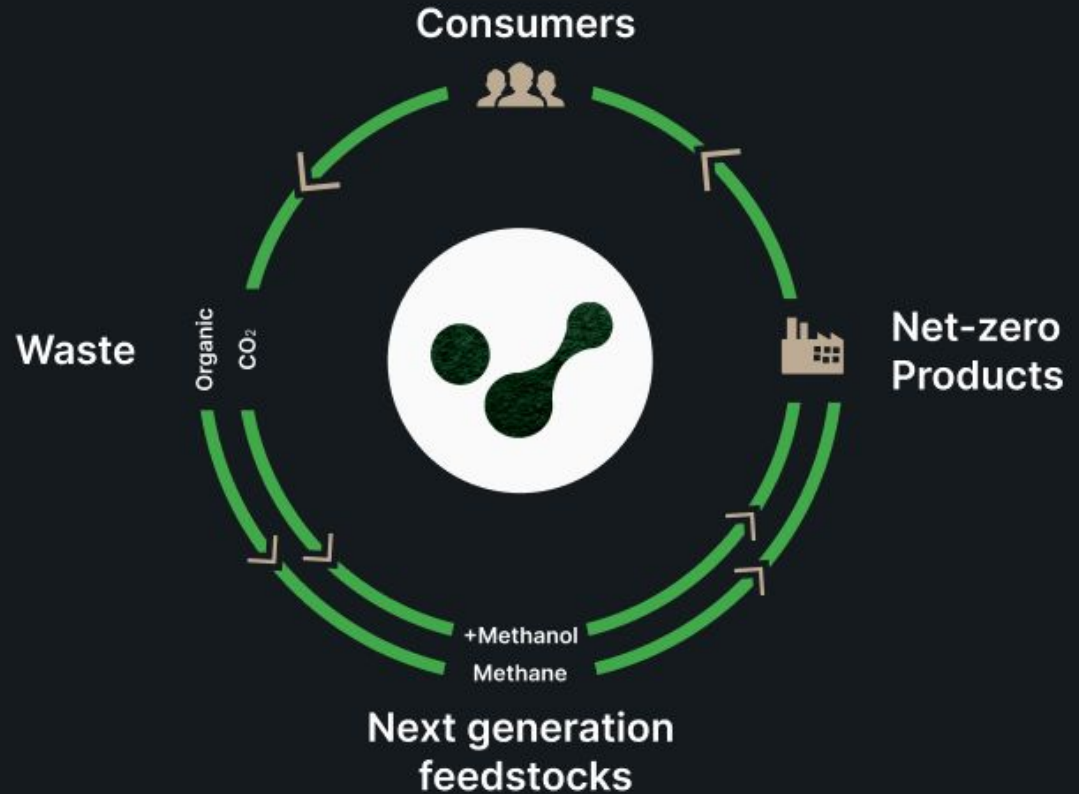
And waste keeps growing



Now we want better-made things



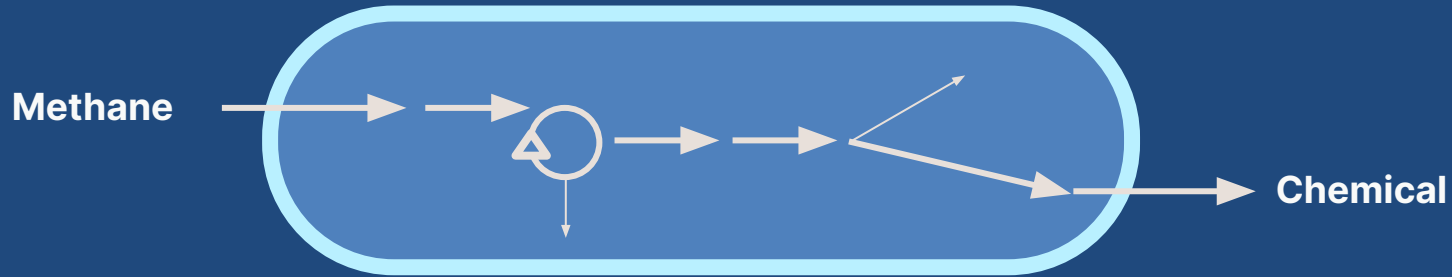
Imagine if
we could
build
everyday
products
out of GHG
waste?



Methane is 86x worse than CO₂



We build microorganisms that sequester methane into chemicals



Industrial Microbes scientists use synthetic biology to engineer the world's most programmable methane-to-chemicals converter



Transforming chemical production

Meet iMicrobes' MMO enzyme

Catalyzes the direct oxidation of methane to methanol at standard temperature and pressure.

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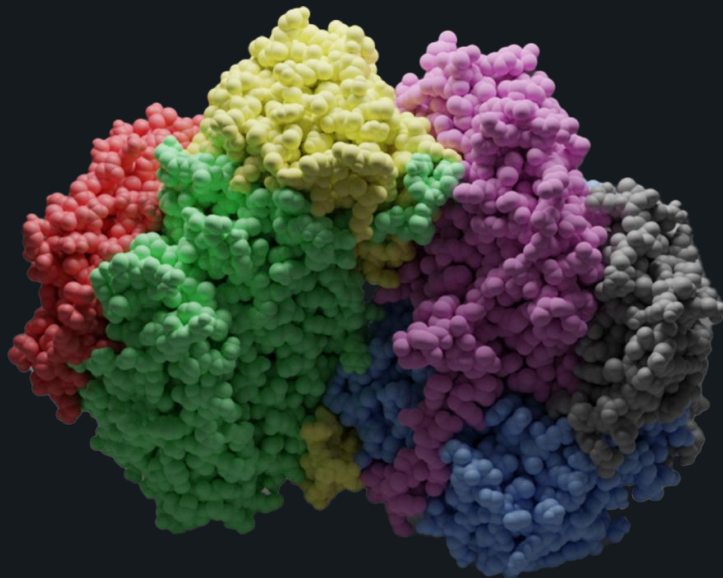
Years of
R&D

150%

Commercial
rate

20

Issued
Patents
Worldwide



Generating high quality products



Validated by industrial partners.

Early products include:

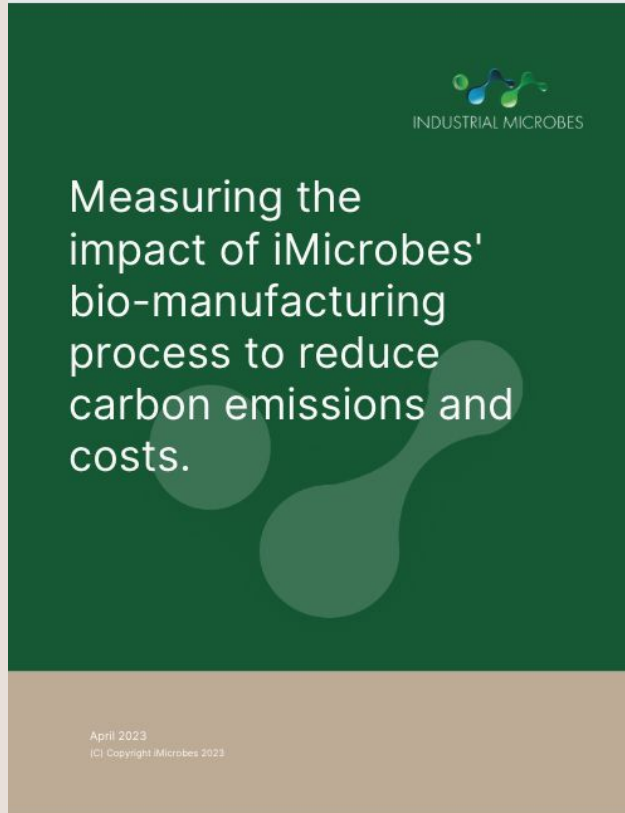
- Acrylic acid
- Methacrylates
- Acrylonitrile
- Others in development



We believe that the transition to sustainable materials needs to be cost-effective



Biobased chemicals, half the cost



We can achieve up to 50% cost savings and carbon-negative production compared to existing bio-based acrylic acid.

Check out our data:

imicrobes.com/roi-of-waste



We are pragmatic techno-optimists



Elizabeth Clarke
CTO



Derek Greenfield
President



Noah Helman
CEO

Worked together in industrial biotechnology for 13 years



Together, we can eliminate emissions from chemical manufacturing

Cosmetics

Paint

Nail polish

Plastics

Acrylic

Carpets



How can we partner?

1

iMicrobes provide the strain, bioprocess, samples and Intellectual Property.

2

We co-develop the biomanufacturing process.

3

You take the products to market.



Get in touch

- Noah Helman, noah@imicrobes.com
- Get our whitepaper
imicrobes.com/roi-of-waste
- Let's grab a drink



INDUSTRIAL MICROBES

**Time to change how we
make chemicals.**

Net-zero materials without impacting the
bottom line.



Thank you!

